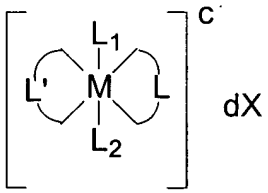
In the Claims:

Please amend Claims 65, 67, 69 and 71, such that the claims are as set forth below.

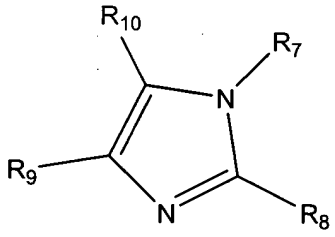
Claims 1-48. (Cancelled)

49. (Previously Presented) A complex having the formula:



wherein M is osmium;

L_1 has the formula:



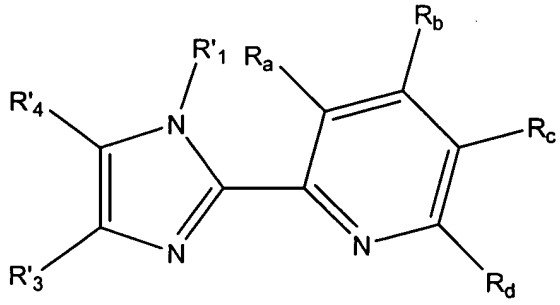
wherein R_7 is a substituted or unsubstituted aryl or a substituted or unsubstituted C1-C12 alkyl;

R_8 is –H or a C1 alkyl; and

a combination of R_9 and R_{10} forms a fused, saturated or unsaturated, 5- or 6-membered ring;

L_2 is a halide;

L and L' are independently:



wherein R'_1 is a substituted or unsubstituted C1-C6 alkyl;

R'_3 and R'_4 are independently –H; and

R_a, R_b, R_c, and R_d are independently –H or C1 alkyl;

c is a +1 or +2 charge;

X is an anion; and

d is a number of X sufficient to balance the charge c.

50. (Previously Presented) The complex of claim 49, wherein R_7 is a C5 alkyl.

51. (Previously Presented) The complex of any one of claims 49 and 50, wherein R_8 is methyl.

52. (Previously Presented) The complex of any one of claims 49 and 50, wherein a combination of R_9 and R_{10} forms a fused, saturated or unsaturated, 6-membered ring.

53. (Previously Presented) The complex of any one of claims 49 and 50, wherein a combination of R_9 and R_{10} forms a fused, unsaturated, 6-membered ring.

54. (Previously Presented) The complex of any one of claims 49 and 50, wherein L_2 is –F, –Cl, or –Br.

55. (Previously Presented) The complex of any one of claims 49 and 50, wherein L_2 is –Cl.

56. (Previously Presented) The complex of any one of claims 49 and 50, wherein R'_1 is a C1-C2 alkyl.

57. (Previously Presented) The complex of any one of claims 49 and 50, wherein R'_1 is a C1 alkyl.

58. (Previously Presented) The complex of any one of claims 49 and 50, wherein each of R_a and R_c is –H.

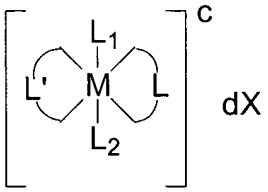
59. (Previously Presented) The complex of any one of claims 49 and 50, wherein each of R_a, R_b, and R_c is –H.

60. (Previously Presented) The complex of any one of claims 49 and 50, wherein each of R_a, R_b, R_c, and R_d is –H.

61. (Previously Presented) The complex of any one of claims 49 and 50, wherein X is a halide.

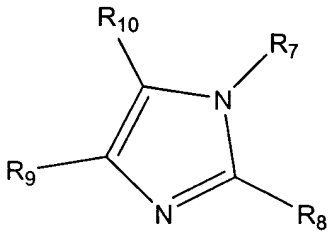
62. (Previously Presented) The complex of any one of claims 49 and 50, wherein X is chloride.

63. (Previously Presented) A complex having the formula:



wherein M is osmium;

L_1 has the formula:



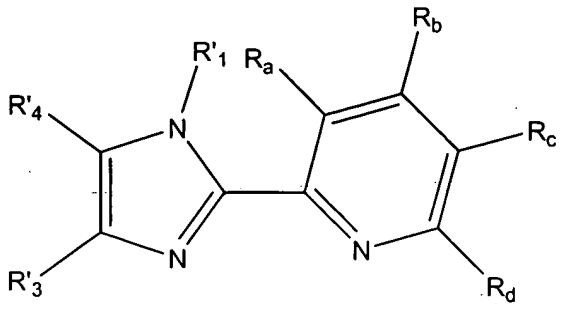
wherein R_7 is a C1-C12 alkyl;

R_8 is -H; and

a combination of R_9 and R_{10} forms a fused, unsaturated, 6-membered ring;

L_2 is chloride;

L and L' are independently:



wherein R'_1 is methyl; and

R'_3, R'_4, R_a, R_b, R_c, and R_d are independently –H;

c is +2;

d is 2; and

X is chloride.

64. (Previously Presented) The complex of claim 63, wherein R_7 is a C5 alkyl.

65. (Currently Amended) The complex of any one of claims 49, 50, 63, and 64, wherein at least one ~~of~~ ligand selected from L, L', L_1 and L_2 is coupled to a polymeric backbone.

66. (Previously Presented) The complex of claim 65, wherein the polymeric backbone comprises at least one functional group that is a ligand of the complex.

67. (Currently Amended) The complex of claim 66, wherein the functional group is selected from ~~a group consisting of~~ pyridine and imidazole groups.

68. (Previously Presented) A sensor comprising:

a working electrode;

a counter electrode;

an enzyme disposed proximate to the working electrode; and

the complex of any one of claims 49, 50, 63, and 64 disposed proximate to the working electrode.

69. (Currently Amended) The sensor of claim 68, wherein the complex is coupled to a polymeric backbone via at least one ~~of~~ ligand selected from L, L', L_1 and L_2.

70. (Previously Presented) The sensor of claim 69, wherein the polymeric backbone comprises at least one functional group that is a ligand of the complex.

71. (Currently Amended) The sensor of claim 70, wherein the functional group is selected from ~~a group consisting of~~ pyridine and imidazole groups.

72. (Previously Presented) The sensor of claim 68, wherein the complex is crosslinked on the working electrode.

73. (Previously Presented) The sensor of claim 68, wherein the complex and the enzyme are crosslinked on the working electrode.